PTO/SB/05 (01-04) Approved for use through 07/31/2006. OMB 0651-0032

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Attorney Docket No.

## UTILITY PATENT APPLICATION TRANSMITTAL

PAP01USA

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Mail Stop Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 Alexandria VA 22313-1450 See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or 1. (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. 🔽 Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. Specification [Total Pages\_ Computer Readable Form (CRF) (preferred arrangement set forth below) Descriptive title of the invention Specification Sequence Listing on: - Cross Reference to Related Applications Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, or a computer program listing appendix Paper Background of the Invention Brief Summary of the Invention Statements verifying identity of above copies - Brief Description of the Drawings (if filed) - Detailed Description **ACCOMPANYING APPLICATION PARTS** Claim(s) - Abstract of the Disclosure 9. Assignment Papers (cover sheet & document(s)) 37 CFR 3.73(b) Statement Power of 4. Drawing(s) (35 U.S.C. 113) [Total Sheets] 10. (when there is an assignee) Attorney 5. Oath or Declaration [Total Sheets \_ 11. English Translation Document (if applicable) a. Newly executed (original or copy) 12. 🔽 Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations b. Copy from a prior application (37 CFR 1.63(d)) **Preliminary Amendment** (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) i. DELETION OF INVENTOR(S) Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR Nonpublication Request under 35 U.S.C. 122 16. 📖 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 6. 🔲 Application Data Sheet. See 37 CFR 1.76 17. Other: ..... 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) Continuation Divisional of prior application No.: ..... Prior application information:

Examiner

For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS  $oldsymbol{\square}$ 27626 **Customer Number:** OR Correspondence address below Name Address City State Zip Code

This collection of information is required by 37 CER 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Registration No. (Attorney/Agent) 31,978

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Country

Signature

Name (Print/Type) William S. Lovell

0427
U.S.

Name (Print/Type)

Signature

PTO/SB/17 (10-03)

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## **FEE TRANSMITTAL** for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete if Known								
Application Number	1.	1	,					
Filing Date	4	10	200	الما				
First Named Inventor	Lo	ノ川ム	L, W	LLIA	n S.			
Examiner Name			_,					
Art Unit								
Attorney Docket No.	PK	+60	2143	SA				

Telephone

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)								
Check Credit card Money Other None	3. ADDITIONAL FEES								
Deposit Account:		Large Entity   Small Entity							
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid			
Account Number	1051	130	2051		Surcharge - late filing fee or oath				
Deposit Account	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet				
Name The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification				
Charge fee(s) indicated below Credit any overpayments		2,520	1812	2,520	For filing a request for ex parte reexamination				
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action				
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month				
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month				
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month				
Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month				
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month				
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal				
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal				
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 385		110	2452	55	Petition to revive - unavoidable				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,330	2453	665	Petition to revive - unintentional				
Fee from		1,330	2501	665	Utility issue fee (or reissue)				
Total Claims Z3 -20** = 3 x 9 = Z7	1502	480	2502		Design issue fee				
Independent 3 2**	1503 1460	640	2503		Plant issue fee				
Claims -3" Multiple Dependent		130	1460		Petitions to the Commissioner				
Large Entity   Small Entity	1807	50	1807		Processing fee under 37 CFR 1.17(q)				
Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt				
Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)				
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))				
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be				
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	205	examined (37 CFR 1.129(b))				
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900					
and over original patent	O4	fnn /- :	if \		of a design application				
SUBTOTAL (2) (\$) 27		*Reduced by Basic Filing Fee Paid SURTOTAL (3) (\$)							
**or number previously paid, if greater; For Reissues, see above Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)									
SUBMITTED BY (Complete (if applicable))									

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